

AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 1, line 5, as follows:

This application is a division of U.S. Serial No. 09/962,338 filed September 26,
2003, now U.S. Patent No. _____, issued _____. ~~This application~~ which is based
upon and claims the benefit of priority from the prior Japanese Patent Application 2000-
301141, filed September 29, 2000, the entire contents of which are incorporated herein by
reference.

Please amend the paragraph bridging at pages 18, line 19, as follows:

A chamber bearer 45 supports nearby the center of the first and second chambers
38 and 39 as shown in FIG. 4. For example, a circular cylindrical high frequency
supplying members 46 made of an electrically conductive material such as copper or the
like are disposed nearby around the center of the first and second chambers 38 and 39
where the chamber bearer 45 is located, respectively. A circular cylindrical insulating
member 47 through which high frequency is capable of being transmitted is disposed on
the respective inner circumferential surfaces of the high frequency supplying member 46
in the circular cylindrical shape, and is directly contacted with the outer circumferential
surface of the chambers 38 and 39. It should be noted that the circular cylindrical high
frequency supplying member 46 and the circular cylindrical insulating member 47 are
divided into two in the axis direction, respectively, and are disposed nearby the center of
these chambers 38 and 39 by fitting from the upward and downward directions. A high
frequency supplying terminals 48 are screwed in and attached to the respective high

frequency supplying members [44] 46, respectively, and fixed by nuts 49. As for two wirings 50, one end of it is connected to the high frequency supplying terminal 48, and the other end of it is connected to a high frequency source 51.

Please amend the paragraph beginning at page 42, line 14 as follows:

The second dispersion medium preparation mechanism 90 has, for example, as shown in FIG. 7, a main block 94 having an upper and lower ~~portion~~ rectangular-shaped holes 92 and 93 communicating a cavity portion 91 in a quadrilateral pyramid shape, 92 and upward and downward of the cavity portion 91 in a quadrilataeral pyramid shape 93, a main body 97 having upper and lower blocks 95 and 96 inserted and fixed in the upper and lower rectangular-shaped holes 92 and 93. ~~It should be noted that the cavity portion 91 is extended within the lower block 96. The diameters of its upper and lower openings of the cavity portion 91 shaped in a quadrilateral pyramid is smaller than those of the rectangular shaped holes 92 and 93.~~

Please amend the paragraph on page 45, line 6 as follows:

Please amend the paragraph beginning at page 55, line 9, as follows:

On the lower block 96, a screw hole 104 is provided from its lower surface. This screw hole 104 is communicated with the cavity section 91 of the main block 94 through a cone shaped hole 105 and a circular cylindrical hole 106. It should be noted that the diameter of the circular cylindrical hole 106 is made smaller compared with that of the circular cylindrical hole ~~106-16~~ of the above—described first dispersion medium preparation mechanism 1 so that the pressure of the cavity portion 91 can be controlled at

the higher level than atmospheric pressure. In the screw hole 104 of the lower block 96, the pipe 65b is screwed, attached and connected.

Please amend the paragraph beginning on page 46, line 19 as follows:

The solid-liquid mixed fluid that is a liquid medium in which the desired amount of at least one material selected from organic polymers, metals and inorganic compounds is mixed into is introduced to the high pressure conveying pump 20 through the ~~pinning~~ piping 18, where the fluid is pressurized to the higher pressure and introduced within the screw hole 10 of the upper block 6. This highly pressurized solid—liquid mixed fluid is introduced to the branching passages 12a and 12b through the inverse cone shaped passage 11 of the upper block 6, respectively. The solid-liquid mixed fluid flown into these branching passages 12a and 12b is accelerated in the process of passing through the orifices 13a and 13b, and injected from the opening portions of the nozzle sections 9a and 9b within the cavity portion 2 of the main block 5 at a high speed. At this time, since the branching passages 12a and 12b of the nozzle sections 9a and 9b disposed opposing to each other are slanting toward the downward, the solid-liquid mixed fluid injected from the openings of the nozzle sections 9a and 9b are crossed and crashed each other. Therefore, a dispersion medium that is a liquid medium in which its fine particles (or ultrafine particles) are dispersed as well as materials (at least one kind of organic polymers, metals and inorganic compound materials) in the solid-liquid mixed fluid are each other broken to be fine particles.